

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-589 REV. E AND EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-589 REV. 1 AND EARLIER  
REF. TCCA STC: SH92-41  
REF. FAA STC: SH1012NE  
REF. AUSTRIAN STC: ACG.21NE2.093

The purpose of this DSI is to provide instruction for the relocation of the door switch when the D35X-589-041/-042/-043 Side Door Assemblies are installed per D350-589 Rev. E and earlier and to clarify that the OEM center latch is not required with the D35X-589-041/-042/-043 kits.

The DSI 9446-011 Switch Relocation Kit may be installed by relocating the door switch using the following procedure:

- 1) Remove the existing door switch (p/n 2-5445), switch support (p/n 350A67-6323-32) and spring (p/n 350A67-6323-31) from the forward lower edge of the cargo compartment.
- 2) Position the D3894-1 switch plate near the bottom of the flange adjacent to the cargo compartment floor so that the switch will contact the door directly. See Figure 1.
- 3) Locate and drill 2x  $\varnothing 0.129$  (#30 drill) holes from D3894-1 switch plate to the cargo compartment flange. Deburr holes and attach D3894-1 switch plate to the flange of the cargo compartment using 2x MS20470AD4 rivets.
- 4) Position the door switch in the hole provided in the D3894-1 switch plate.
- 5) Reconnect wiring to switch (if removed) and verify that switch operates correctly. It may be necessary to hand-form/trim the D3894-1 switch plate slightly to ensure that the switch contacts the door properly.

If the cargo compartment has a second switch installed in the center latch, it is not necessary to relocate this switch. The wiring should be removed and stowed so that this switch no longer turns on the cockpit indication.

There is no weight and balance change for the installation of the DSI 9446-011 switch relocation kit.

The D3894-1 switch plate will be included with D35X-589-041/-042/-043 kits at CHG 3 and subsequent.

## PARTS LIST







QTY. -011	PART NUMBER	DESCRIPTION
X	DSI 9446-011	Switch Relocation Kit
1	D3894-1	Switch Plate

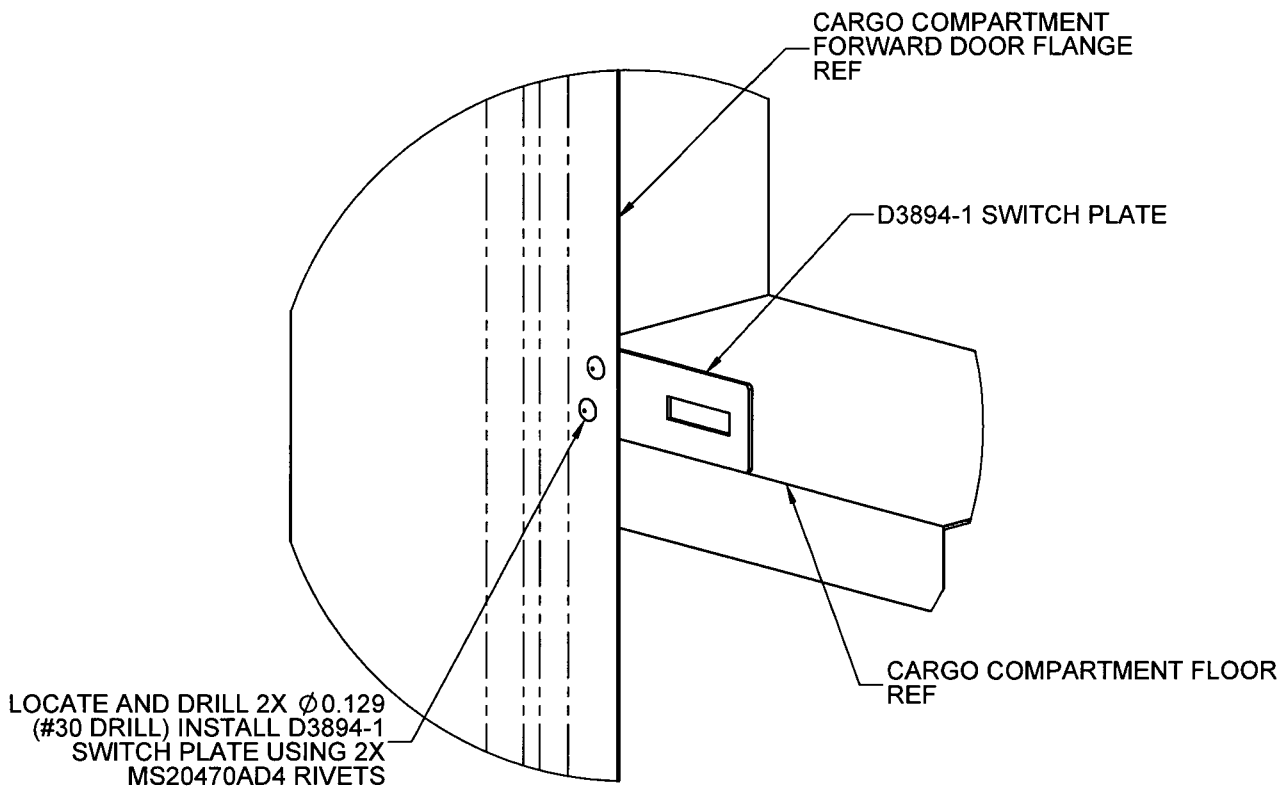
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.02.03  
CERT. NO.: SH92-41  
ISSUE NO.: 7

A	NEW ISSUE		09.02.03
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9446	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SWITCH RELOCATION	NTS
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**FIGURE 1: DSI 9446-011 SWITCH RELOCATION KIT INSTALLATION**

CANADA  
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DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9446	SHEET 2 OF 2
APPROVED		TITLE	SCALE
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